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Before the

TENNESSEE REGULATORY AUTHORITY

IN RE:

BELLSOUTH TELECOMMUNICATIONS, INC., CITIZENS  
COMMUNICATIONS, INC., UNITED TELEPHONE-SOUTHEAST, INC.  
PETITION FOR EXEMPTION OF CERTAIN SERVICES

DOCKET NO. 03-00391

\*\*\*\*\*

REBUTTAL EXHIBITS  
OF  
TERRY BUCKNER

\*\*\*\*\*

October 18, 2004

# **Local Telephone Competition: Status as of December 31, 2003**

Industry Analysis and Technology Division  
Wireline Competition Bureau  
June 2004



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## Local Telephone Competition: Status as of December 31, 2003

We present here summary statistics of the latest data on local telephone service competition in the United States as reported in the Commission's local competition and broadband data gathering program (FCC Form 477).<sup>1</sup> The summary statistics provide a snapshot of local telephone service competition based on switched access lines in service and state-specific mobile wireless telephone subscribership as of December 31, 2003.<sup>2</sup>

Based on the latest information now available, readers can draw the following broad conclusions:

- Competitive local exchange carriers (CLECs) reported 29.6 million (or 16.3%) of the approximately 181.4 million nationwide end-user switched access lines in service at the end of December 2003, compared to 26.9 million (or 14.7% of nationwide lines) in June 2003.<sup>3</sup> This represents a 10% growth in CLEC market size during the second half of 2003. See Table 1.
- 63% of switched access lines in service to CLEC end-user customers served residential and small business customers, compared to 78% of lines in service to incumbent local exchange carrier (ILEC) end-user customers.<sup>4</sup> See Table 2.

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<sup>1</sup> *Local Competition and Broadband Reporting*, CC Docket No. 99-301, Report and Order, 15 FCC Rcd 7717 (2000) (*Data Gathering Order*). During this data gathering program, qualifying providers file FCC Form 477 each year on March 1 (reporting data for the preceding December 31) and September 1 (reporting data for June 30 of the same year). Qualification status is determined separately for each state. If a carrier, or its holding company, has at least 10,000 local telephone connections in service in a state, it must file local telephone data for that state. An updated FCC Form 477, and Instructions for that particular form, for each specific round of the data collection may be downloaded from the FCC Forms website at [www.fcc.gov/formpage.html](http://www.fcc.gov/formpage.html). Previously, the Common Carrier Bureau collected information on a voluntary basis. See *Local Competition and Broadband Reporting*, CC Docket No. 99-301, Notice of Proposed Rulemaking, 14 FCC Rcd 18106 (1999).

<sup>2</sup> Statistical summaries of the earlier Form 477 data collections appeared in previous releases of the *Local Telephone Competition* report, available at [www.fcc.gov/wcb/stats](http://www.fcc.gov/wcb/stats).

<sup>3</sup> Total numbers reported by incumbent local exchange carriers (ILECs) filing FCC Form 477 may be slightly understated because smaller carriers are not required to report data. However, as the reporting ILECs account for about 98% of all ILEC lines, the understatement should not be large. (All ILECs, whether or not they normally report to the FCC, provide data on the number of telephone lines served to the National Exchange Carrier Association for use in conjunction with the Commission's universal service mechanism.) We are less certain about the extent to which comparable lines as reported by CLECs are understated as a result of the state-specific reporting threshold, but we expect such understatement to be larger, on a percentage basis, than for ILECs.

<sup>4</sup> In the local telephone section of FCC Form 477, the switched access lines in service to the carrier's own end-user customers that are reported to be "used for residential and small business service" should be those lines that connect to customer locations for which the reporting carrier bills fewer than four (4) voice-grade equivalent lines used for local exchange service. If this information is not available, the carrier may use tariffs or marketing information to report an estimate that it reasonably expects to be accurate within plus or minus five percentage points of the true number.

- CLECs reported providing about 23% of switched access lines over their own local loop facilities.<sup>5</sup> To serve the remainder, CLECs resold the services of other carriers or used unbundled network element (UNE) loops that they leased from other carriers.<sup>6</sup> See Table 3.
- Since December 1999, the percentage of nationwide CLEC switched access lines reported to be provisioned by reselling services has declined steadily, to 16% at the end of December 2003, and the percentage provisioned over UNE loops has grown, to 61%. See Table 3 and, for data reported for individual states, see Table 10.
- ILECs reported providing about 1.8 million switched access lines to unaffiliated carriers on a resale basis at the end of December 2003, down from 2.2 million six months earlier. They reported providing 19.4 million unbundled loops (with or without unbundled switching) to unaffiliated carriers, up from 17.2 million six months earlier.<sup>7</sup> See Table 4.
- UNE loops provided with ILEC switching (*i.e.*, the so-called UNE-Platform) have increased faster than UNE loops provided without switching.<sup>8</sup> See Table 4.
- Local telephone service by CLECs was provided over 3.2 million coaxial cable connections at the end of December 2003. These cable-telephony lines constituted about 2% of nationwide switched access lines in service and about 11% of such CLEC lines. See Table 5.

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<sup>5</sup> A reporting carrier should own the “last mile” of wire, cable, or optical fiber that connects to the end-user premises (or have obtained radio spectrum for the equivalent fixed wireless facility) if it reports providing the local telephone line over its own facilities. In general, local exchange and exchange access lines provisioned over facilities (other than dark fiber) and services obtained from another carrier are not the reporting carrier’s “own facilities” for purposes of FCC Form 477, irrespective of whether those facilities or services are obtained under interconnection arrangements, under tariff, or by other means. In particular, owning the switch that provides dialtone (and other services) over a UNE loop leased from another carrier does not qualify a line as being provisioned over the reporting carrier’s own facilities.

<sup>6</sup> From CLECs, FCC Form 477 collects information on the percentage of the CLEC’s switched access lines provided over “UNE loops.” For purposes of FCC Form 477, this term includes UNE loops leased from an unaffiliated carrier on a stand-alone basis and also UNE loops leased in combination with UNE switching or any other unbundled network element.

<sup>7</sup> The reported number of UNE loops provided without ILEC switching in Table 4 includes some UNE loops that ILECs supply to DSL-service providers that do not also provide local telephone service. Because no local telephone service is provided by means of such UNE loops, they are not included in the end-user local telephone lines reported by CLECs.

<sup>8</sup> “UNE-Platform” is the combination of unbundled loop, switching, and transport elements.

- The Commission's data collection program collates information about CLEC local telephone service lines (and the CLEC share of total local telephone service lines) in individual states. Relatively large numbers of CLEC lines are associated with the more populous states.<sup>9</sup> With respect to the calculated CLEC share of switched access lines in service, however, some less populous states, such as Nebraska, New Hampshire, Rhode Island, and Utah had larger CLEC shares than some more populous states, such as California, Florida, and Ohio, as of December 2003. See Tables 6 - 9.<sup>10</sup>
- The percentage of CLEC switched access lines reported to serve residential and small business customers varies among the states, and is typically lower than the corresponding ILEC percentage. See Table 11.
- At least one CLEC reported switched access lines in service in all 50 states, the District of Columbia, and Puerto Rico.<sup>11</sup> In 27 states, ten or more CLECs reported serving local telephone service customers. See Table 12.
- The 86 providers of mobile wireless telephone services that reported information served about 157.0 million subscribers at the end of December 2003.<sup>12</sup> About 6% of these subscribers received their service via a reseller of mobile wireless telephone service. See Table 13.
- The Commission's data collection program requires CLECs and ILECs to identify each zip code in which the carrier provides local telephone service to at least one end-user customer.<sup>13</sup> As of December 31, 2003, at least one CLEC was serving customers in 75% of the nation's zip codes. About 96% of United States households resided in these zip codes. Moreover, multiple carriers reported providing local telephone service in the major population centers of the country. See Table 14, Table 15, and the map that follows Table 16.

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<sup>9</sup> The largest numbers of CLEC lines are reported for New York, the third most populous state, followed by California and Texas, the first and second most populous states, respectively.

<sup>10</sup> CLEC shares appearing in Table 7 are based on CLEC and ILEC lines in Tables 8 and 9.

<sup>11</sup> Under section 3(40) of the Communications Act, the term *state* "includes the District of Columbia and the Territories and possessions." 47 U.S.C. §153(40). We note that carriers that have fewer than 10,000 local telephone lines in service in a state are not required to report those lines on FCC Form 477, but may file the data on a voluntary basis. There were 36 voluntary ILEC filings and 44 voluntary CLEC filings of state-specific data as of December 31, 2003. In the course of our eight data collections to date, the number of voluntary ILEC filings has varied between 7 and 36, and the number of voluntary CLEC filings has varied between 13 and 53.

<sup>12</sup> Facilities-based providers with fewer than 10,000 mobile wireless telephone service subscribers in a state (measured by revenue-generating handsets in service) are not required to report. A facilities-based mobile wireless telephone service provider serves subscribers using spectrum licenses that it has obtained or manages.

<sup>13</sup> CLECs and ILECs are required to report, for states in which they have at least 10,000 local telephone lines in service, lists of zip codes where they have subscribers. Providers of mobile wireless telephone service do not report zip codes.

- In Florida, Massachusetts, New Jersey, New York, and Texas, at least 40% of zip codes had ten or more reporting CLECs. By contrast, 14% of nationwide zip codes had ten or more reporting CLECs. See Table 16.

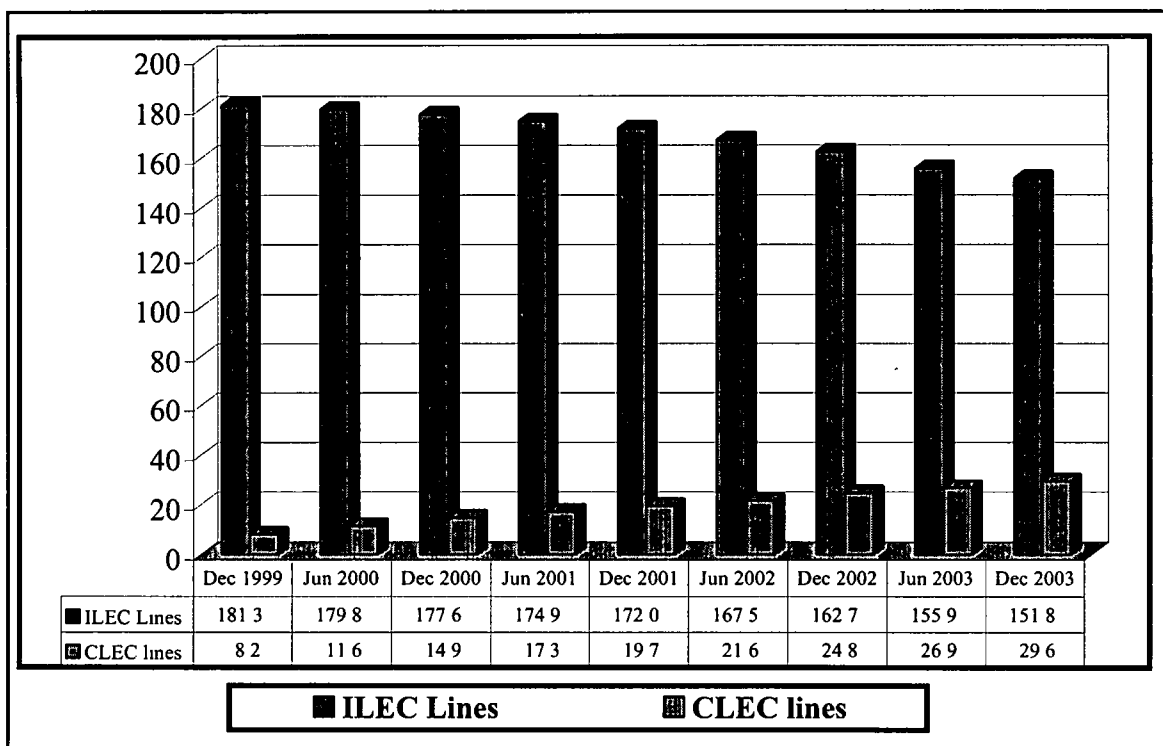
As other information from FCC Form 477 becomes available, it will be routinely posted on the Commission's Internet site. We invite users of the information presented in this statistical summary to provide suggestions for improved data collection and analysis by:

- Using the attached customer response form,
- E-mailing comments to [James.Eisner@fcc.gov](mailto:James.Eisner@fcc.gov),
- Calling the Industry Analysis and Technology Division of the Wireline Competition Bureau at (202) 418-0940, or
- Participating in any formal proceedings undertaken by the Commission to solicit comments for improvement of FCC Form 477.

**Table 1**  
**End-User Switched Access Lines Reported**

Date	ILEC Lines	CLEC Lines	Total	CLEC Share
December 1999	181,307,695	8,194,243	189,501,938	4.3 %
June 2000	179,761,930	11,557,381	191,319,311	6.0
December 2000	177,641,529	14,871,409	192,555,081	7.7
June 2001	174,861,248	17,274,727	191,760,433	9.0
December 2001	172,043,582	19,653,441	191,697,023	10.3
June 2002	167,472,318	21,644,928	189,117,246	11.4
December 2002	162,742,937	24,780,979	187,523,916	13.2
June 2003	155,922,118	26,890,594	182,812,712	14.7
December 2003	151,837,752	29,565,509	181,403,261	16.3

**Chart 1**  
**End-User Switched Access Lines Reported**  
**(Lines in Millions)**

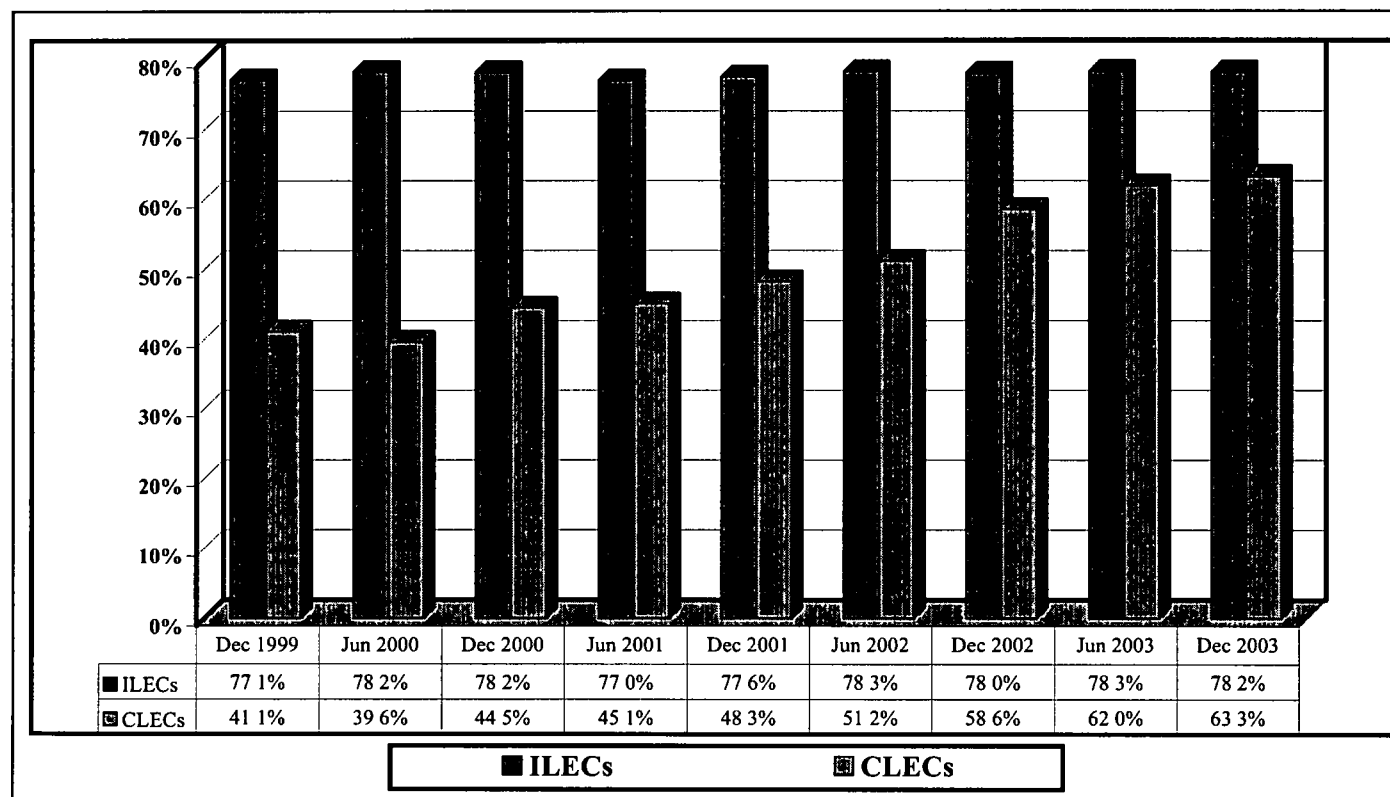


**Table 2**  
**End-User Switched Access Lines by Customer Type**

Date	Reporting ILECs			Reporting CLECs		
	Residential & Small Business	Other <sup>1</sup>	% Residential & Small Business	Residential & Small Business	Other <sup>1</sup>	% Residential & Small Business
December 1999	139,758,434	41,549,261	77.1 %	3,368,702	4,825,541	41.1 %
June 2000	140,635,199	39,126,731	78.2	4,579,501	6,977,880	39.6
December 2000	138,872,415	38,769,114	78.2	6,620,471	8,250,938	44.5
June 2001	134,618,062	40,243,186	77.0	7,793,071	9,481,656	45.1
December 2001	133,421,570	38,622,012	77.6	9,489,049	10,164,392	48.3
June 2002	131,051,178	36,421,140	78.3	11,080,676	10,564,252	51.2
December 2002	127,008,159	35,734,778	78.0	14,525,783	10,255,196	58.6
June 2003	122,025,182	33,896,936	78.3	16,675,810	10,214,784	62.0
December 2003	118,751,700	33,086,052	78.2	18,724,434	10,841,075	63.3

<sup>1</sup> Medium and large business, institutional, and government customers

**Chart 2**  
**Percent of Lines that Serve Residential and Small Business Customers**





**Table 3**  
**Reporting Competitive Local Exchange Carriers**  
**(End-User Switched Access Lines in Thousands)**

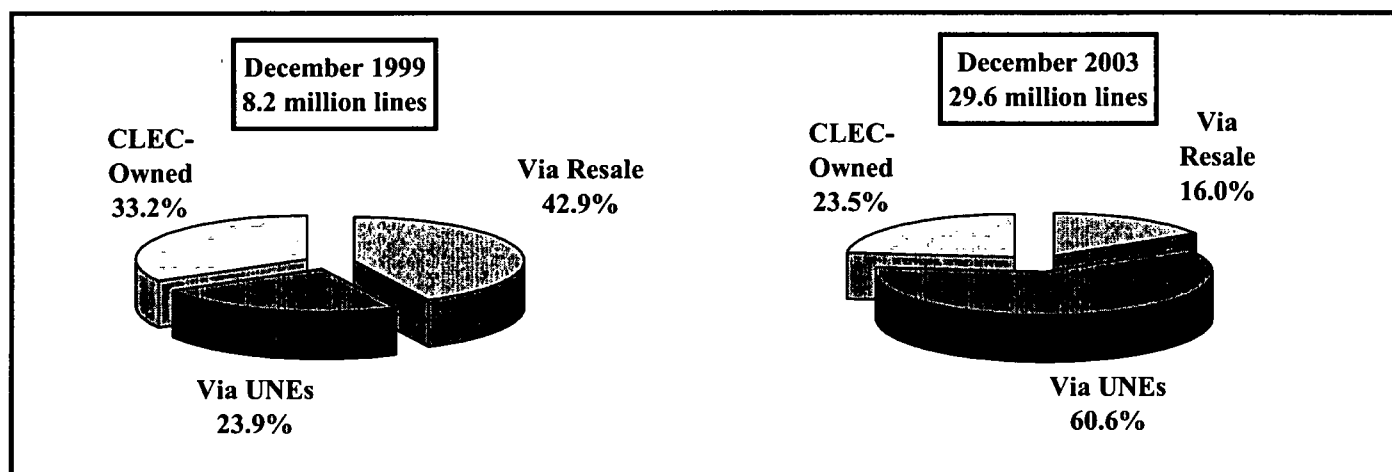
Date	CLECs Reporting	Total End-User Lines	Acquired From Other Carriers				CLEC-Owned	
			Resold Lines	Percent	UNEs <sup>1</sup>	Percent	Lines <sup>2</sup>	Percent
Dec 1999	81	8,194	3,513	42.9 %	1,959	23.9 %	2,723	33.2 %
Jun 2000	78	11,557	4,315	37.3	3,201	27.7	4,042	35.0
Dec 2000	89	14,871	4,114	27.7	5,540	37.3	5,217	35.1
Jun 2001	91	17,275	3,919	22.7	7,580	43.9	5,776	33.4
Dec 2001	94	19,653	4,250	21.6	9,332	47.5	6,072	30.9
Jun 2002	96	21,645	4,478	20.7	10,930	50.5	6,236	28.8
Dec 2002	112	24,781	4,677	18.9	13,709	55.3	6,396	25.8
Jun 2003	125	26,891	4,887	18.2	15,728	58.5	6,276	23.3
Dec 2003	135	29,566	4,726	16.0	17,904	60.6	6,935	23.5

Notes: Figures may not add to totals due to rounding.

<sup>1</sup> Includes unbundled network element (UNE) loops leased from an unaffiliated carrier on a stand-alone basis and also UNE loops leased in combination with UNE switching or any other unbundled network element.

<sup>2</sup> Lines provided over CLEC-owned "last-mile" facilities.

**Chart 3**  
**Competitive Local Exchange Carriers' End-User Lines**



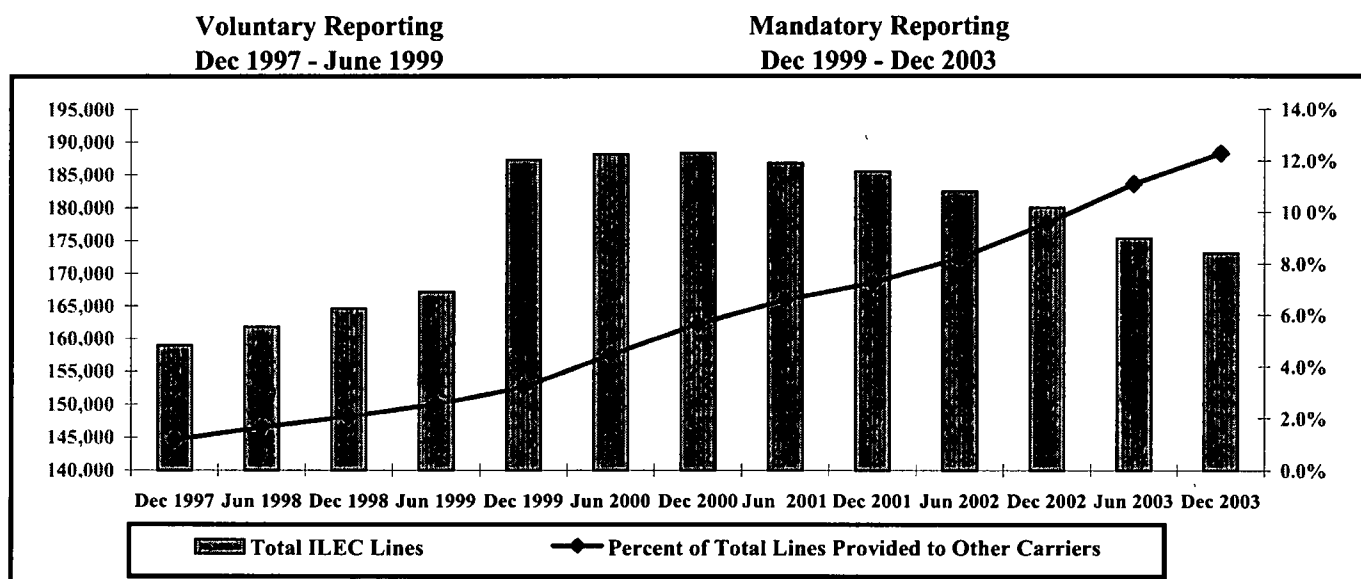
**Table 4**  
**Reporting Incumbent Local Exchange Carriers**  
**(End-User Switched Access Lines in Thousands)**

				Provided to Other Carriers					
				Resold Lines	UNEs			Total UNEs and Resold Lines	Percent of Total Lines
					Without Switching	With Switching	Total UNEs		
Date <sup>1</sup>	ILECs Reporting	Total Lines	End-User Lines						
Dec 1997	9	159,008	157,132	1,743			133	1,876	1.2 %
Jun 1998	8	161,810	159,118	2,448			244	2,692	1.7
Dec 1998	7	164,614	161,191	3,062			361	3,423	2.1
Jun 1999	7	167,177	162,909	3,583			685	4,268	2.6
Dec 1999	168	187,294	181,308	4,494	1,004	489	1,493	5,987	3.2
Jun 2000	159	188,171	179,762	5,098	1,696	1,616	3,312	8,409	4.5
Dec 2000	166	188,346	177,684	5,388	2,436	2,838	5,274	10,662	5.7
Jun 2001	156	186,825	174,486	4,417	3,161	4,761	7,922	12,340	6.6
Dec 2001	164	185,517	172,044	4,014	3,679	5,781	9,460	13,474	7.3
Jun 2002	166	182,487	167,472	3,475	4,061	7,478	11,540	15,015	8.2
Dec 2002	174	179,971	162,743	2,744	4,259	10,225	14,484	17,228	9.6
Jun 2003	181	175,386	155,922	2,233	4,205	13,026	17,231	19,464	11.1
Dec 2003	189	173,094	151,838	1,834	4,260	15,161	19,421	21,256	12.3

Notes: Figures may not add to totals due to rounding.

<sup>1</sup> Data for December 1997 through June 1999 are from Common Carrier Bureau voluntary surveys. Starting with December 1999, data are from FCC Form 477 filings.

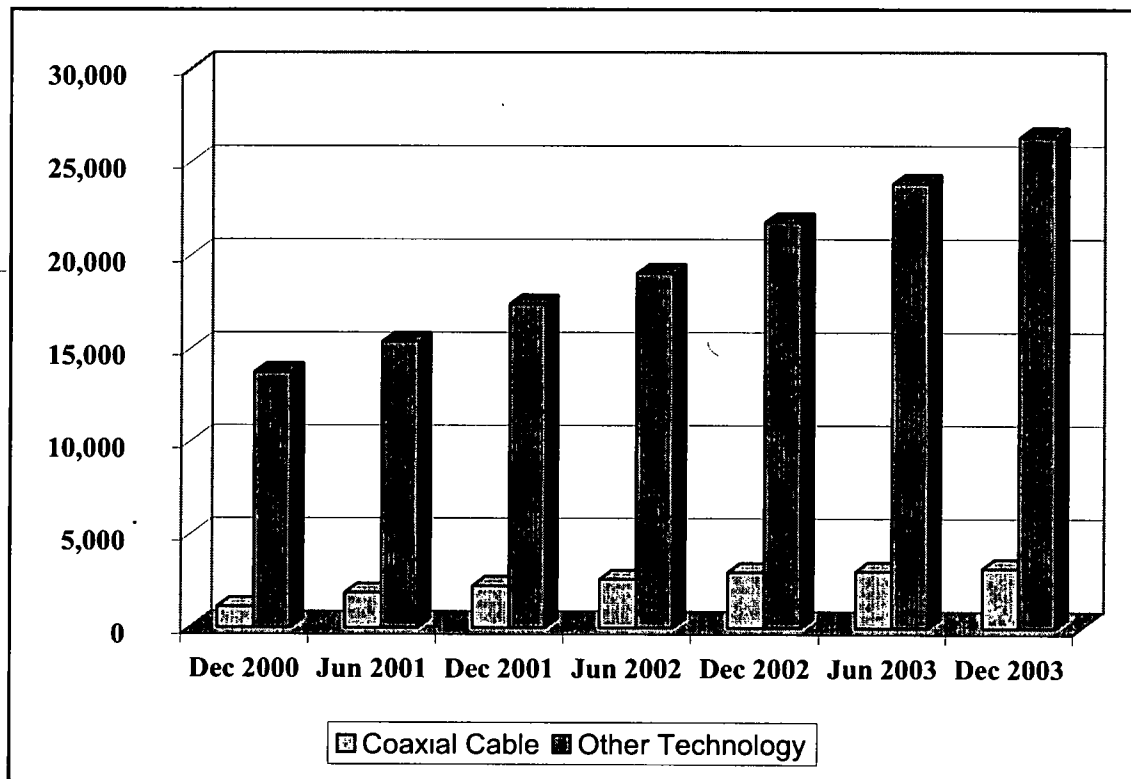
**Chart 4**  
**ILEC Lines and the Percent Provided to Other Carriers**



**Table 5**  
**Competitive Local Exchange Carrier Lines by Type of Technology**  
**(End-User Switched Access Lines in Thousands)**

	Coaxial Cable	Other Technologies	Total	Percent Coaxial Cable
December 2000	1,125	13,746	14,871	7.6 %
June 2001	1,876	15,399	17,275	10.9
December 2001	2,246	17,408	19,653	11.4
June 2002	2,597	19,048	21,645	12.0
December 2002	2,988	21,793	24,781	12.1
June 2003	3,028	23,863	26,891	11.3
December 2003	3,220	26,346	29,566	10.9

**Chart 5**  
**Competitive Local Exchange Carrier Lines by Type of Technology**  
**(End-User Switched Access Lines in Thousands)**



**Table 6**  
**End-User Switched Access Lines Served by Reporting Local Exchange Carriers**  
**(As of December 31, 2003)**

State	ILECs	CLECs	Total	CLEC Share
Alabama	2,046,244	251,275	2,297,519	11 %
Alaska	425,322	*	*	*
Arizona	2,541,931	707,477	3,249,408	22
Arkansas	1,212,895	146,513	1,359,408	11
California	20,111,818	3,422,373	23,534,191	15
Colorado	2,496,330	505,777	3,002,107	17
Connecticut	2,170,298	242,643	2,412,941	10
Delaware	499,452	71,230	570,682	12
District of Columbia	827,912	180,680	1,008,592	18
Florida	9,975,073	1,523,574	11,498,647	13
Georgia	4,187,544	864,768	5,052,312	17
Hawaii	698,178	*	*	*
Idaho	678,088	46,859	724,947	6
Illinois	6,517,977	1,662,016	8,179,993	20
Indiana	3,188,863	457,660	3,646,523	13
Iowa	1,285,764	188,647	1,474,411	13
Kansas	1,149,527	310,032	1,459,559	21
Kentucky	1,912,595	162,391	2,074,986	8
Louisiana	2,146,036	229,051	2,375,087	10
Maine	691,146	78,050	769,196	10
Maryland	3,199,983	555,282	3,755,265	15
Massachusetts	3,416,395	973,607	4,390,002	22
Michigan	4,614,333	1,547,619	6,161,952	25
Minnesota	2,453,860	581,239	3,035,099	19
Mississippi	1,186,725	104,547	1,291,272	8
Missouri	2,997,347	362,349	3,359,696	11
Montana	490,505	18,616	509,121	4
Nebraska	736,105	199,498	935,603	21
Nevada	1,301,193	150,615	1,451,808	10
New Hampshire	686,711	142,385	829,096	17
New Jersey	5,231,266	1,235,977	6,467,243	19
New Mexico	919,450	*	*	*
New York	8,777,811	3,596,739	12,374,550	29
North Carolina	4,630,912	462,683	5,093,595	9
North Dakota	275,457	25,039	300,496	8
Ohio	5,910,590	940,359	6,850,949	14
Oklahoma	1,638,861	270,313	1,909,174	14
Oregon	1,813,627	249,701	2,063,328	12
Pennsylvania	6,763,474	1,585,025	8,348,499	19
Puerto Rico	1,178,707	*	*	*
Rhode Island	472,306	187,936	660,242	28
South Carolina	2,100,205	192,634	2,292,839	8
South Dakota	297,540	64,784	362,324	18
Tennessee	2,943,127	375,875	3,319,002	11
Texas	10,269,558	2,265,505	12,535,063	18
Utah	993,796	241,454	1,235,250	20
Vermont	367,620	*	*	*
Virgin Islands	71,284	0	71,284	0
Virginia	3,971,212	873,022	4,844,234	18
Washington	3,375,160	433,977	3,809,137	11
West Virginia	917,035	*	*	*
Wisconsin	2,834,559	603,496	3,438,055	18
Wyoming	238,045	*	*	*
Nationwide	151,837,752	29,565,509	181,403,261	16 %

Note Carriers with under 10,000 lines in a state were not required to report

\* Data withheld to maintain firm confidentiality

**Table 7**  
**Competitive Local Exchange Carrier Share of End-User Switched Access Lines**

State	1999	2000		2001		2002		2003	
	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	5 %	3 %	4 %	5 %	5 %	5 %	8 %	10 %	11 %
Alaska	*	*	*	*	*	*	*	*	*
Arizona	*	5	5	7	9	11	12	16	22
Arkansas	*	*	*	*	*	*	10	*	11
California	4	5	6	7	8	9	11	13	15
Colorado	5	7	9	10	13	14	15	16	17
Connecticut	3	5	6	7	7	9	9	10	10
Delaware	*	*	*	0	0	*	*	10	12
District of Columbia	7	7	9	12	13	16	16	18	18
Florida	6	6	6	7	7	9	13	13	13
Georgia	5	6	8	10	11	13	15	16	17
Hawaii	*	*	0	*	*	*	*	*	*
Idaho	0	0	*	*	*	*	*	5	6
Illinois	5	7	9	13	15	17	19	19	20
Indiana	3	4	5	5	5	7	8	9	13
Iowa	*	9	11	11	12	12	13	13	13
Kansas	*	5	7	8	9	12	17	21	21
Kentucky	2	*	3	*	*	*	4	5	8
Louisiana	3	2	3	4	4	5	7	9	10
Maine	*	*	*	*	*	*	*	9	10
Maryland	2	3	4	6	4	6	8	10	15
Massachusetts	6	8	11	12	15	16	17	19	22
Michigan	3	5	6	9	13	18	21	22	25
Minnesota	6	7	9	11	13	14	17	17	19
Mississippi	4	*	4	4	3	2	6	7	8
Missouri	3	5	6	6	7	8	10	10	11
Montana	*	*	*	*	*	*	*	3	4
Nebraska	*	*	*	*	12	16	18	20	21
Nevada	*	*	*	10	*	*	11	9	10
New Hampshire	*	*	6	8	10	13	15	16	17
New Jersey	*	4	5	4	5	6	11	16	19
New Mexico	*	*	*	*	*	*	*	*	*
New York	9	16	20	23	25	25	25	28	29
North Carolina	3	4	4	6	6	6	8	9	9
North Dakota	*	*	*	*	*	*	*	*	8
Ohio	4	4	4	4	5	7	9	11	14
Oklahoma	*	*	5	6	8	10	11	11	14
Oregon	2	3	4	5	7	7	9	8	12
Pennsylvania	5	8	10	13	14	15	16	17	19
Puerto Rico	0	*	*	*	*	*	*	*	*
Rhode Island	*	*	*	10	16	18	22	25	28
South Carolina	*	*	4	4	3	5	7	8	8
South Dakota	*	*	*	*	*	*	*	14	18
Tennessee	4	6	6	8	8	7	9	10	11
Texas	4	7	13	14	16	16	17	18	18
Utah	3	6	10	11	13	13	15	19	20
Vermont	*	*	*	*	*	*	*	*	*
Virgin Islands	0	0	0	0	0	0	0	0	0
Virginia	2	5	7	9	11	12	13	16	18
Washington	4	5	6	6	8	9	10	10	11
West Virginia	*	*	*	*	*	*	*	*	*
Wisconsin	5	7	8	9	11	12	13	15	18
Wyoming	*	*	*	*	*	*	*	*	*
Nationwide	4 %	6 %	8 %	9 %	10 %	11 %	13 %	15 %	16 %

Notes Carriers with under 10,000 lines in a state were not required to report.

\* Data withheld to maintain firm confidentiality

**Table 8**  
**End-User Switched Access Lines Served by Reporting Competitive Local Exchange Carriers**

State	1999	2000		2001		2002		2003	
	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	131,357	78,525	104,933	121,059	117,159	118,721	187,320	234,330	251,275
Alaska	*	*	*	*	*	*	*	*	*
Arizona	*	155,657	165,597	231,777	310,517	354,592	400,080	519,128	707,477
Arkansas	*	*	*	*	*	*	144,411	*	146,513
California	1,027,200	1,317,414	1,498,146	1,668,232	2,003,404	2,158,878	2,705,851	3,046,959	3,422,373
Colorado	141,135	204,608	286,955	325,983	391,257	434,125	482,014	495,007	505,777
Connecticut	86,385	136,086	154,349	164,379	187,450	222,815	236,462	234,372	242,643
Delaware	*	*	*	0	0	*	*	53,473	71,230
District of Columbia	77,865	72,696	94,850	124,630	126,461	161,114	160,174	174,584	180,680
Florida	681,382	670,714	718,157	864,892	866,809	1,035,417	1,495,132	1,537,632	1,523,574
Georgia	254,672	327,881	462,392	515,730	600,087	704,651	780,970	827,841	864,768
Hawaii	*	*	0	*	*	*	*	*	*
Idaho	0	0	*	*	*	*	*	33,864	46,859
Illinois	443,936	590,208	803,492	1,113,112	1,341,060	1,468,057	1,602,482	1,616,765	1,662,016
Indiana	96,091	156,280	191,921	180,221	205,845	252,722	284,532	348,159	457,660
Iowa	*	140,706	164,069	164,637	186,254	190,869	201,176	195,860	188,647
Kansas	*	84,823	106,686	121,294	145,659	176,322	258,312	318,862	310,032
Kentucky	45,522	*	56,392	*	*	*	92,483	97,288	162,391
Louisiana	71,206	57,617	69,437	108,820	93,107	115,220	188,652	212,363	229,051
Maine	*	*	*	*	*	*	*	70,275	78,050
Maryland	79,173	131,272	160,126	211,499	158,999	232,793	285,416	379,961	555,282
Massachusetts	277,476	384,548	509,731	576,442	669,209	736,932	750,473	846,276	973,607
Michigan	208,980	349,703	366,305	583,653	865,182	1,211,379	1,362,217	1,384,973	1,547,619
Minnesota	202,675	230,789	287,660	353,245	394,310	443,739	572,708	534,965	581,239
Mississippi	57,914	*	63,515	51,496	43,578	22,966	74,410	93,912	104,547
Missouri	113,347	178,377	203,537	224,442	262,947	279,342	336,895	334,319	362,349
Montana	*	*	*	*	*	*	*	17,473	18,616
Nebraska	*	*	*	*	144,229	159,617	177,698	190,754	199,498
Nevada	*	*	*	144,453	*	*	163,520	132,684	150,615
New Hampshire	*	*	52,137	67,315	85,549	109,610	125,893	136,510	142,385
New Jersey	*	294,690	323,680	300,594	330,005	396,865	697,176	1,009,996	1,235,977
New Mexico	*	*	*	*	*	*	*	*	*
New York	1,191,446	2,157,618	2,769,814	3,138,133	3,353,394	3,259,221	3,175,265	3,478,918	3,596,739
North Carolina	166,473	187,253	230,733	323,594	302,044	328,715	405,853	443,600	462,683
North Dakota	*	*	*	*	*	*	*	*	25,039
Ohio	262,159	255,267	308,213	280,088	352,811	510,623	652,104	754,020	940,359
Oklahoma	*	*	102,456	125,912	160,186	203,028	207,798	217,854	270,313
Oregon	47,239	58,699	99,326	118,425	153,084	154,492	183,319	167,965	249,701
Pennsylvania	412,761	671,437	870,618	1,122,623	1,186,897	1,329,357	1,405,894	1,413,458	1,585,025
Puerto Rico	0	*	*	*	*	*	*	*	*
Rhode Island	*	*	*	69,237	108,190	119,112	145,202	167,714	187,936
South Carolina	*	*	89,255	90,241	72,035	121,331	161,121	192,934	192,634
South Dakota	*	*	*	*	*	*	*	49,243	64,784
Tennessee	129,987	200,721	222,917	272,211	268,222	247,056	326,663	346,060	375,875
Texas	586,111	998,326	1,764,676	1,891,131	2,166,033	2,170,914	2,182,929	2,266,028	2,265,505
Utah	34,351	79,034	129,834	145,603	155,992	161,193	194,352	235,170	241,454
Vermont	*	*	*	*	*	*	*	*	*
Virgin Islands	0	0	0	0	0	0	0	0	0
Virginia	88,431	228,271	336,826	402,528	537,753	558,206	639,330	738,479	873,022
Washington	138,449	184,353	240,514	229,693	336,230	358,933	406,750	386,104	433,977
West Virginia	*	*	*	*	*	*	*	*	*
Wisconsin	177,336	244,373	278,087	322,735	367,195	420,200	477,915	526,343	603,496
Wyoming	*	*	*	*	*	*	*	*	*
Total	8,194,243	11,557,381	14,871,409	17,274,727	19,653,441	21,644,928	24,780,979	26,890,594	29,565,509

Note Carriers with under 10,000 lines in a state were not required to report

\* Data withheld to maintain firm confidentiality

**Table 9**  
**End-User Switched Access Lines Served by Reporting Incumbent Local Exchange Carriers**

State	1999	2000		2001		2002		2003	
	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	2,360,023	2,456,101	2,424,197	2,413,440	2,381,574	2,330,940	2,238,352	2,183,237	2,046,244
Alaska	460,425	486,337	481,684	474,215	462,804	484,065	466,880	430,339	425,322
Arizona	3,006,276	3,051,648	3,073,779	3,062,586	2,981,156	2,947,967	2,878,210	2,700,186	2,541,931
Arkansas	1,396,981	1,422,736	1,420,169	1,412,863	1,363,454	1,304,659	1,257,291	1,220,542	1,212,895
California	23,198,657	23,436,793	23,250,580	23,103,077	22,771,976	22,315,423	21,475,881	20,645,363	20,111,818
Colorado	2,873,169	2,887,311	2,833,948	2,805,532	2,727,654	2,717,320	2,642,166	2,557,814	2,496,330
Connecticut	2,416,300	2,438,119	2,382,208	2,363,687	2,329,716	2,305,082	2,263,446	2,215,546	2,170,298
Delaware	581,714	570,331	555,913	567,381	552,331	537,498	525,447	503,681	499,452
District of Columbia	994,975	914,716	922,531	887,590	865,008	829,592	831,920	772,587	827,912
Florida	11,090,801	11,365,772	11,349,981	11,211,674	11,019,972	10,603,872	10,406,129	10,133,865	9,975,073
Georgia	4,869,774	5,032,360	4,988,949	4,905,002	4,723,842	4,604,834	4,423,324	4,308,760	4,187,544
Hawaii	736,080	737,255	744,205	739,979	735,459	729,239	723,111	707,634	698,178
Idaho	709,210	724,440	733,580	732,814	706,991	707,180	700,089	687,342	678,088
Illinois	8,040,394	7,990,635	7,875,563	7,558,613	7,578,706	7,322,494	6,994,127	6,741,172	6,517,977
Indiana	3,559,946	3,597,365	3,574,414	3,576,710	3,637,893	3,542,715	3,459,873	3,327,235	3,188,863
Iowa	1,439,574	1,414,622	1,387,746	1,379,872	1,356,643	1,357,155	1,329,633	1,296,148	1,285,764
Kansas	1,543,799	1,533,755	1,498,636	1,441,940	1,397,937	1,324,804	1,236,051	1,186,953	1,149,527
Kentucky	2,126,249	2,173,716	2,166,664	2,170,191	2,173,958	2,141,611	2,100,313	2,024,894	1,912,595
Louisiana	2,423,524	2,515,485	2,506,348	2,505,961	2,440,988	2,428,935	2,353,620	2,251,091	2,146,036
Maine	822,990	818,979	804,652	801,649	764,536	768,216	750,749	721,077	691,146
Maryland	3,932,708	3,760,409	3,802,622	3,599,027	3,660,869	3,488,961	3,502,515	3,250,282	3,199,983
Massachusetts	4,580,383	4,313,988	4,252,502	4,131,520	3,931,469	3,804,513	3,750,998	3,561,688	3,416,395
Michigan	6,287,424	6,363,024	6,262,696	6,027,730	5,965,971	5,498,139	5,174,471	4,819,294	4,614,333
Minnesota	2,926,177	2,935,154	2,940,034	2,861,684	2,698,867	2,804,937	2,708,221	2,572,413	2,453,860
Mississippi	1,288,847	1,355,932	1,352,284	1,356,136	1,332,389	1,332,853	1,277,168	1,235,339	1,186,725
Missouri	3,464,118	3,508,475	3,418,983	3,446,252	3,328,130	3,262,072	3,145,872	3,067,732	2,997,347
Montana	530,884	514,992	529,878	527,989	521,550	514,353	509,979	500,865	490,505
Nebraska	946,718	1,010,682	949,217	931,979	1,030,125	867,474	828,394	775,829	736,105
Nevada	1,331,122	1,341,786	1,353,193	1,366,124	1,352,724	1,351,282	1,348,042	1,304,641	1,301,193
New Hampshire	861,976	813,919	805,143	775,864	758,515	741,553	723,653	692,777	686,711
New Jersey	6,867,616	6,705,441	6,747,131	6,707,243	6,482,459	6,226,079	5,883,106	5,389,747	5,231,266
New Mexico	940,489	947,809	957,195	977,439	965,946	969,763	965,816	940,232	919,450
New York	12,675,692	11,532,265	10,952,903	10,689,293	10,223,476	9,806,596	9,646,157	9,019,394	8,777,811
North Carolina	4,922,110	5,136,006	5,133,984	5,040,317	5,023,740	4,942,113	4,824,385	4,682,253	4,630,912
North Dakota	357,062	354,945	317,270	312,573	306,963	303,326	293,639	280,507	275,457
Ohio	6,904,938	6,944,806	6,922,773	6,876,434	6,967,603	6,705,911	6,405,570	6,131,768	5,910,590
Oklahoma	2,008,819	1,983,894	1,950,618	1,923,027	1,873,489	1,822,278	1,726,359	1,679,984	1,638,861
Oregon	2,104,982	2,119,998	2,109,510	2,079,221	2,043,164	2,005,347	1,955,544	1,871,970	1,813,627
Pennsylvania	8,474,914	8,200,347	8,012,115	7,818,599	7,524,072	7,288,959	7,167,204	6,848,086	6,763,474
Puerto Rico	1,294,962	1,288,076	1,299,291	1,300,665	1,288,439	1,288,718	1,276,493	1,212,779	1,178,707
Rhode Island	676,212	639,438	627,784	604,128	570,513	547,728	526,143	491,682	472,306
South Carolina	2,222,641	2,234,165	2,314,649	2,239,383	2,276,681	2,253,384	2,210,548	2,143,712	2,100,205
South Dakota	353,816	353,073	309,349	338,834	327,150	314,755	309,173	296,879	297,540
Tennessee	3,322,220	3,419,317	3,412,145	3,352,224	3,289,154	3,232,548	3,147,556	3,042,739	2,943,127
Texas	12,601,936	12,349,899	11,892,768	11,496,247	11,365,441	11,006,831	10,766,127	10,451,045	10,269,558
Utah	1,197,043	1,207,581	1,174,625	1,149,667	1,086,537	1,090,791	1,075,061	1,019,089	993,796
Vermont	404,836	377,987	400,929	399,084	388,399	383,917	383,758	372,238	367,620
Virgin Islands	66,701	69,063	0	70,426	70,784	71,984	71,894	71,132	71,284
Virginia	4,853,301	4,184,850	4,317,626	4,203,412	4,436,193	4,276,468	4,262,823	4,021,042	3,971,212
Washington	3,811,920	3,837,744	3,784,183	3,751,683	3,635,702	3,622,857	3,553,994	3,452,669	3,375,160
West Virginia	1,004,031	910,992	927,432	980,575	967,218	940,483	950,564	911,882	917,035
Wisconsin	3,184,664	3,239,809	3,178,516	3,151,854	3,121,462	3,145,341	3,063,426	2,953,647	2,834,559
Wyoming	255,572	237,588	256,434	259,839	255,790	256,403	251,672	241,316	238,045
Total	181,307,695	179,761,930	177,641,529	174,861,248	172,043,582	167,472,318	162,742,937	155,922,118	151,837,752

Note: Carriers with under 10,000 lines in a state were not required to report

**Table 10**  
**CLEC-Reported End-User Switched Access Lines by State**  
**(As of December 31, 2003)**

State	CLEC-Owned	UNEs	Resold Lines	Total
Alabama	41,725	142,698	66,852	251,275
Alaska	*	*	*	*
Arizona	351,094	233,958	122,425	707,477
Arkansas	45,509	*	*	146,513
California	1,022,095	1,858,739	541,539	3,422,373
Colorado	162,542	222,456	120,779	505,777
Connecticut	104,316	67,620	70,706	242,643
Delaware	*	33,754	*	71,230
District of Columbia	71,184	62,803	46,693	180,680
Florida	314,945	873,761	334,868	1,523,574
Georgia	147,019	558,615	159,133	864,768
Hawaii	*	*	*	*
Idaho	3,144	*	*	46,859
Illinois	392,284	1,119,361	150,371	1,662,016
Indiana	79,247	325,585	52,828	457,660
Iowa	37,923	135,165	15,559	188,647
Kansas	64,150	200,839	45,042	310,032
Kentucky	79,237	66,284	16,870	162,391
Louisiana	77,042	105,330	46,678	229,051
Maine	2,150	46,207	29,693	78,050
Maryland	94,406	362,010	98,865	555,282
Massachusetts	375,359	391,213	207,034	973,607
Michigan	107,600	1,360,390	79,629	1,547,619
Minnesota	166,582	292,754	121,904	581,239
Mississippi	3,876	71,570	29,101	104,547
Missouri	49,712	240,112	72,525	362,349
Montana	14,295	*	*	18,616
Nebraska	129,778	41,053	28,667	199,498
Nevada	32,824	86,579	31,212	150,615
New Hampshire	62,869	62,580	16,936	142,385
New Jersey	91,922	924,507	219,548	1,235,977
New Mexico	*	*	*	*
New York	374,005	2,652,298	570,436	3,596,739
North Carolina	74,219	245,777	142,686	462,683
North Dakota	6,485	17,251	1,303	25,039
Ohio	78,463	736,516	125,379	940,359
Oklahoma	173,711	69,143	27,459	270,313
Oregon	37,676	165,498	46,527	249,701
Pennsylvania	554,055	776,168	254,802	1,585,025
Puerto Rico	*	*	*	*
Rhode Island	115,820	58,826	13,290	187,936
South Carolina	13,230	114,293	65,111	192,634
South Dakota	34,986	28,830	968	64,784
Tennessee	85,536	216,339	73,999	375,875
Texas	435,727	1,547,260	282,518	2,265,505
Utah	73,420	97,022	71,012	241,454
Vermont	*	*	*	*
Virgin Islands	0	0	0	0
Virginia	437,708	354,111	81,204	873,022
Washington	143,786	183,124	107,067	433,977
West Virginia	*	*	*	*
Wisconsin	46,961	498,588	57,948	603,496
Wyoming	*	*	*	*
Total	6,935,358	17,903,891	4,726,260	29,565,509

\* Data withheld to maintain firm confidentiality



**Table 11**  
**Percentage of Lines Provided to**  
**Residential and Small Business Customers**  
**(As of December 31, 2003)**

State	ILECs	CLECs	Total
Alabama	83 %	56 %	80 %
Alaska	80	*	*
Arizona	74	69	73
Arkansas	88	56	84
California	82	65	79
Colorado	76	61	73
Connecticut	87	55	84
Delaware	70	74	70
District of Columbia	31	31	31
Florida	83	47	78
Georgia	78	62	75
Hawaii	82	*	*
Idaho	77	73	77
Illinois	72	75	73
Indiana	76	73	76
Iowa	76	88	78
Kansas	87	45	78
Kentucky	81	77	81
Louisiana	81	69	80
Maine	84	69	82
Maryland	67	67	67
Massachusetts	71	63	69
Michigan	72	78	73
Minnesota	78	63	75
Mississippi	83	84	83
Missouri	87	52	83
Montana	79	75	79
Nebraska	70	68	70
Nevada	75	27	70
New Hampshire	80	65	77
New Jersey	69	67	68
New Mexico	78	*	*
New York	70	70	70
North Carolina	82	30	78
North Dakota	81	91	82
Ohio	77	68	75
Oklahoma	87	56	83
Oregon	82	59	79
Pennsylvania	77	50	72
Puerto Rico	90	*	*
Rhode Island	74	77	75
South Carolina	83	52	80
South Dakota	76	97	80
Tennessee	85	43	80
Texas	87	59	82
Utah	75	59	72
Vermont	73	*	*
Virgin Islands	99	NA	99
Virginia	67	77	69
Washington	80	51	76
West Virginia	80	*	*
Wisconsin	78	63	76
Wyoming	73	*	*
Nationwide	78 %	63 %	76 %

NA -Not Applicable

\*Data withheld to maintain firm confidentiality

**Table 12**  
**Number of Reporting Local Exchange Carriers**  
**(As of December 31, 2003)**

State	ILECs	CLECs	Total
Alabama	8	8	16
Alaska	5	1	6
Arizona	3	12	15
Arkansas	4	5	9
California	7	26	33
Colorado	3	12	15
Connecticut	2	9	11
Delaware	1	4	5
District of Columbia	1	7	8
Florida	8	26	34
Georgia	15	21	36
Hawaii	1	1	2
Idaho	5	5	10
Illinois	6	21	27
Indiana	7	12	19
Iowa	10	10	20
Kansas	6	11	17
Kentucky	11	9	20
Louisiana	6	10	16
Maine	5	4	9
Maryland	2	13	15
Massachusetts	1	15	16
Michigan	7	15	22
Minnesota	20	17	37
Mississippi	6	8	14
Missouri	6	12	18
Montana	7	4	11
Nebraska	6	5	11
Nevada	7	6	13
New Hampshire	4	6	10
New Jersey	2	17	19
New Mexico	3	3	6
New York	7	30	37
North Carolina	16	16	32
North Dakota	9	4	13
Ohio	9	21	30
Oklahoma	11	6	17
Oregon	8	11	19
Pennsylvania	9	22	31
Puerto Rico	1	1	2
Rhode Island	1	5	6
South Carolina	14	14	28
South Dakota	12	4	16
Tennessee	14	12	26
Texas	15	28	43
Utah	6	8	14
Vermont	4	1	5
Virgin Islands	1	0	1
Virginia	5	15	20
Washington	7	14	21
West Virginia	2	2	4
Wisconsin	11	10	21
Wyoming	2	3	5
Nationwide -Unduplicated	189	135	324
Total State Filings <sup>1</sup>	349	562	911
Required Filings <sup>1</sup>	313	518	831
Voluntary Filings <sup>1</sup>	36	44	80

<sup>1</sup> Each report represents all of a company's operations in a given state. Carriers with both ILE and CLE operations in the same state provide separate reports.

**Table 13**  
**Mobile Wireless Telephone Subscribers<sup>1</sup>**

State	December 2003		Subscribers										Percent Change Dec 02 - Dec 03
	Carriers <sup>1</sup>	Percent Resold <sup>2</sup>	1999	2000		2001		2002		2003			
			Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec		
Alabama	10	7 %	1,080,410	1,253,084	1,386,294	1,930,631	1,979,075	2,027,845	1,987,254	2,100,557	2,242,108	13 %	
Alaska	4	4	165,221	169,892	*	218,424	240,216	242,133	267,630	*	303,184	13	
Arizona	14	5	1,125,321	1,624,668	1,855,115	2,018,410	2,171,021	2,412,998	2,520,058	2,643,952	2,843,061	13	
Arkansas	7	4	719,919	715,467	743,928	891,275	970,127	1,130,302	1,156,345	1,351,291	1,296,901	12	
California	15	6	8,544,941	12,283,369	12,710,520	14,184,625	15,052,203	16,007,376	17,575,105	18,892,619	20,360,454	16	
Colorado	10	3	1,552,718	1,654,989	1,856,075	1,983,405	2,145,816	2,247,166	2,358,748	2,426,929	2,554,731	8	
Connecticut	6	4	1,077,089	1,136,618	1,277,123	1,418,367	1,639,914	1,577,873	1,694,110	1,791,944	1,928,988	14	
Delaware	6	4	270,848	275,219	371,014	389,284	412,611	433,059	438,196	503,353	543,526	24	
Dist of Columbia	6	9	346,681	333,815	354,735	382,457	404,489	415,399	472,832	520,182	513,102	9	
Florida	11	13	5,158,079	4,983,478	6,369,985	7,536,670	8,937,063	8,607,715	9,482,349	10,252,348	10,855,430	14	
Georgia	13	6	2,538,983	2,687,238	2,754,784	4,076,119	4,149,717	4,300,831	4,497,576	4,709,288	4,940,091	10	
Guam	*	*	*	*	0	*	*	*	*	*	*	NA	
Hawaii	5	1	288,425	454,364	524,291	543,283	595,721	640,247	689,857	732,262	771,023	12	
Idaho	10	10	271,436	296,066	344,564	398,781	444,864	500,693	536,064	572,406	605,488	13	
Illinois	10	7	3,922,482	4,309,660	5,143,767	5,621,044	5,631,172	5,409,370	6,476,683	6,834,217	7,183,989	11	
Indiana	8	10	1,318,975	1,717,378	1,715,074	1,781,247	1,921,356	2,032,290	2,390,567	2,456,509	2,642,810	11	
Iowa	12	9	774,773	975,629	832,106	861,382	1,087,608	1,157,580	1,239,384	1,250,305	1,342,931	8	
Kansas	12	4	669,472	724,024	801,293	901,225	956,050	1,061,171	1,117,277	1,195,230	1,261,242	13	
Kentucky	11	8	911,700	999,544	1,026,334	1,176,756	1,405,043	1,505,982	1,456,705	1,595,290	1,812,657	24	
Louisiana	10	11	1,227,106	1,294,693	1,306,457	1,677,292	1,920,740	2,187,811	2,190,613	2,365,224	2,470,146	13	
Maine	5	2	187,003	283,640	359,786	399,616	427,313	457,835	466,896	524,246	568,159	22	
Maryland	8	4	1,634,625	2,013,058	2,298,651	2,446,818	2,614,216	2,684,441	2,913,943	3,108,086	3,319,605	14	
Massachusetts	6	3	1,892,014	2,228,169	2,649,130	2,753,685	2,996,816	3,289,934	3,375,726	3,506,039	3,741,975	11	
Michigan	14	7	3,512,813	3,423,535	3,551,719	4,071,091	4,238,399	4,758,538	4,674,980	4,889,269	5,114,259	9	
Minnesota	12	9	1,550,411	1,595,560	1,851,430	2,014,317	2,153,857	2,254,895	2,415,033	2,564,783	2,677,472	11	
Mississippi	10	12	673,355	509,038	786,577	993,781	1,048,061	1,106,700	1,112,765	1,232,750	1,324,160	19	
Missouri	11	6	1,855,452	1,848,775	1,767,411	1,937,684	2,106,599	2,246,430	2,289,831	2,515,325	2,691,255	18	
Montana	4	2	*	*	*	*	279,349	291,429	315,512	343,160	373,947	19	
Nebraska	9	2	576,296	600,885	659,380	712,685	791,799	838,568	867,810	900,744	937,184	8	
Nevada	8	6	750,335	825,163	684,752	766,581	842,155	895,586	984,486	1,077,380	1,216,838	24	
New Hampshire	8	11	280,508	309,263	387,264	445,181	492,390	529,795	525,689	598,504	648,788	23	
New Jersey	6	3	2,289,181	2,750,024	3,575,130	3,896,778	4,283,643	4,531,457	4,587,640	5,392,240	5,799,417	26	
New Mexico	10	12	363,827	395,111	443,343	619,582	660,849	735,107	780,855	828,869	859,408	10	
New York	12	5	4,833,816	5,016,524	5,918,136	6,749,096	7,429,249	7,915,526	8,937,683	8,829,070	9,453,613	6	
North Carolina	11	8	2,536,068	2,730,178	3,105,811	3,377,331	3,767,598	4,610,120	4,094,715	4,305,521	4,554,723	11	
North Dakota	*	*	*	*	*	*	*	245,578	*	*	*	NA	
Ohio	14	5	3,237,786	3,278,960	4,150,498	4,255,934	4,739,795	4,887,376	5,212,204	5,659,459	5,817,211	12	
Oklahoma	13	4	826,637	979,513	1,124,214	1,200,234	1,288,357	1,366,475	1,440,970	1,574,588	1,614,191	12	
Oregon	10	4	914,848	1,082,425	1,201,207	1,268,909	1,399,279	1,473,883	1,682,343	1,682,036	1,778,936	6	
Pennsylvania	10	5	2,767,474	3,850,372	4,129,186	4,378,216	4,849,085	4,987,067	5,258,844	5,681,653	6,073,573	15	
Puerto Rico	6	11	*	1,090,005	757,613	1,374,747	1,128,736	1,136,619	1,516,808	1,401,599	1,631,266	8	
Rhode Island	6	3	279,304	313,550	355,889	401,805	456,059	463,636	515,547	527,366	567,331	10	
South Carolina	11	16	1,137,232	1,236,338	1,392,586	1,502,345	1,752,457	1,830,516	1,896,369	2,041,541	2,149,480	13	
South Dakota	5	7	*	*	*	*	278,646	292,210	325,114	344,825	365,211	12	
Tennessee	12	5	1,529,054	1,876,444	1,985,851	2,251,208	2,510,978	2,660,068	2,674,566	2,800,735	2,974,512	11	
Texas	20	6	5,792,453	6,705,423	7,548,537	8,294,338	9,156,187	9,650,715	10,133,280	10,776,234	11,327,700	12	
Utah	9	3	643,824	692,006	750,244	833,492	919,002	970,854	1,052,522	1,094,563	1,154,992	10	
Vermont	*	*	*	*	*	*	*	*	*	*	*	NA	
Virgin Islands	*	*	*	0	0	*	*	*	*	*	*	NA	
Virginia	11	4	2,262,567	2,447,687	2,708,342	3,059,420	3,270,165	3,429,450	3,753,106	3,879,582	4,147,182	10	
Washington	10	5	1,873,475	2,144,767	2,286,082	2,493,214	2,706,030	2,849,043	2,869,784	3,102,750	3,377,193	18	
West Virginia	10	10	241,265	347,916	392,384	452,036	498,811	549,722	576,503	579,983	675,257	17	
Wisconsin	11	8	1,525,818	1,342,908	1,698,520	2,008,679	2,229,389	2,523,956	2,396,562	2,533,215	2,723,985	14	
Wyoming	4	2	127,634	*	*	173,939	194,665	168,232	191,939	276,344	295,706	54	
Nationwide	86	6 %	79,696,083	90,643,058	101,043,219	114,028,928	123,990,857	130,751,459	138,878,293	147,623,734	157,042,082	13 %	

NA -- Not Applicable

\* Data withheld to maintain firm confidentiality

<sup>1</sup> Carriers with under 10,000 subscribers in a state were not required to report

<sup>2</sup> Percentage of mobile wireless subscribers receiving their service from a mobile wireless reseller

**Table 14**  
**Percentage of Zip Codes with Competitive Local Exchange Carriers (CLECs)**

Number of CLECs	2000		2001		2002		2003	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Zero	46.6 %	44.0 %	40.0 %	38.0 %	33.0 %	31.3 %	26.8 %	25.1 %
One	19.7	16.8	16.3	16.8	19.5	19.3	18.6	17.3
Two	9.1	10.4	9.9	10.0	10.3	10.4	10.0	10.4
Three	6.9	7.2	8.2	7.7	7.9	6.7	6.7	7.0
Four	5.0	5.5	5.6	6.1	6.6	6.3	5.6	5.3
Five	3.9	4.0	4.1	4.5	4.9	5.2	5.0	4.8
Six	2.4	3.0	3.3	3.8	4.0	4.4	4.4	4.7
Seven	1.6	2.3	2.6	2.9	3.1	3.5	4.1	4.1
Eight	1.2	1.7	2.2	2.2	2.5	2.9	3.6	3.7
Nine	1.1	1.4	1.7	2.1	1.9	2.6	3.1	3.2
Ten or More	2.5	3.7	5.9	5.9	6.3	7.3	12.2	14.4

**Table 15**  
**Percentage of Households in Zip Codes with Competitive Local Exchange Carriers**

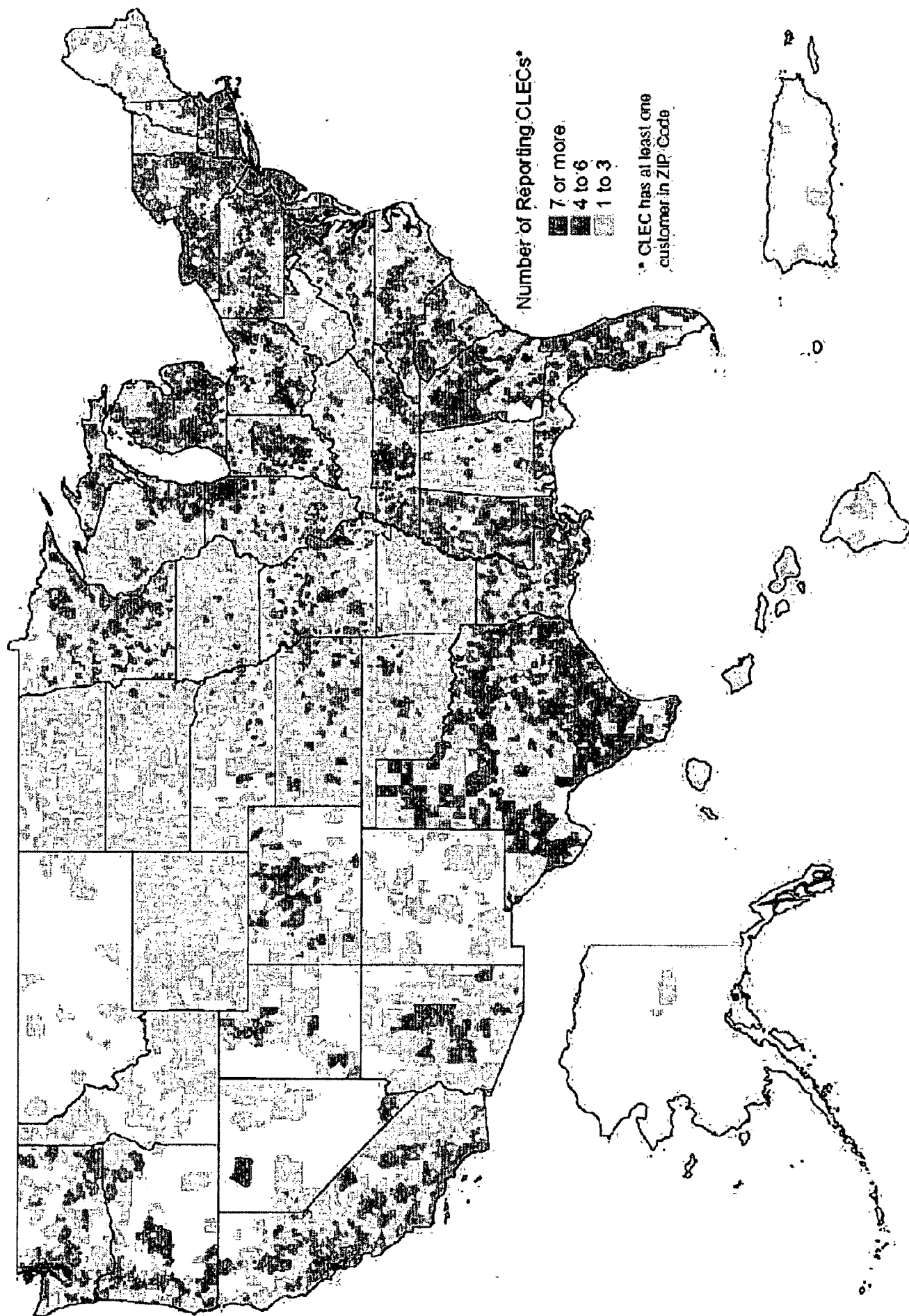
Number of CLECs	2000		2001		2002		2003	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Zero	14.5 %	11.8 %	9.5 %	8.8 %	6.6 %	5.8 %	4.5 %	3.8 %
One	13.5	10.6	9.0	8.5	9.1	8.2	6.5	6.0
Two	11.9	10.6	8.8	9.7	9.0	8.3	6.1	5.7
Three	12.5	11.6	11.5	10.8	9.5	7.0	5.4	5.7
Four	11.1	11.3	10.1	9.7	10.3	8.3	6.0	5.5
Five	9.6	9.3	8.7	8.8	9.0	8.4	6.8	5.7
Six	6.4	7.2	7.6	8.0	8.4	8.4	7.1	6.9
Seven	4.3	6.1	6.0	6.7	7.6	7.6	7.9	6.7
Eight	3.7	4.9	5.6	5.3	6.0	7.0	8.0	7.4
Nine	3.7	4.2	4.5	5.3	4.6	7.0	7.2	7.0
Ten or More	8.9	12.2	18.8	18.3	19.7	23.9	34.6	39.5

Source: Demographic Power Pack, Current Year Update (2000), MapInfo Corporation

**Table 16**  
**Percentage of Zip Codes with Competitive Local Exchange Carriers as of December 31, 2003**

State	Number of CLECs								
	Zero \	One - Three	Four	Five	Six	Seven	Eight	Nine	Ten or More
Alabama	24 %	59 %	5 %	4 %	6 %	2 %	0 %	0 %	0 %
Alaska	88	12	0	0	0	0	0	0	0
Arizona	16	33	6	4	5	5	9	5	17
Arkansas	54	42	4	0	0	0	0	0	0
California	6	31	9	7	7	6	6	7	22
Colorado	26	34	8	4	4	4	2	4	14
Connecticut	1	24	12	17	23	22	0	0	0
Delaware	2	60	39	0	0	0	0	0	0
Dist of Columbia	7	11	19	15	37	11	0	0	0
Florida	6	14	5	4	5	4	5	3	53
Georgia	18	23	5	4	4	4	4	3	32
Hawaii	55	45	0	0	0	0	0	0	0
Idaho	43	57	0	0	0	0	0	0	0
Illinois	32	30	5	4	4	3	2	2	18
Indiana	27	34	6	7	10	6	7	3	0
Iowa	35	62	3	1	0	0	0	0	0
Kansas	18	58	6	5	7	2	2	1	0
Kentucky	36	59	3	2	0	0	0	0	0
Louisiana	10	43	14	11	8	8	5	1	0
Maine	27	73	0	0	0	0	0	0	0
Maryland	0	18	9	10	10	9	9	7	28
Massachusetts	0	12	5	6	6	10	10	9	41
Michigan	10	24	6	7	10	9	7	7	19
Minnesota	29	39	4	5	5	4	3	7	3
Mississippi	5	48	17	14	10	6	1	0	0
Missouri	46	26	4	4	6	5	4	5	0
Montana	90	10	0	0	0	0	0	0	0
Nebraska	52	39	4	6	0	0	0	0	0
Nevada	34	34	26	6	0	0	0	0	0
New Hampshire	3	66	11	16	4	0	0	0	0
New Jersey	0	6	3	5	6	8	8	9	54
New Mexico	67	33	0	0	0	0	0	0	0
New York	5	19	4	5	4	4	4	3	52
North Carolina	14	53	5	3	5	4	4	2	11
North Dakota	54	46	0	0	0	0	0	0	0
Ohio	26	27	6	5	4	6	5	5	16
Oklahoma	37	46	2	3	12	0	0	0	0
Oregon	37	27	2	6	3	9	5	5	5
Pennsylvania	16	39	5	5	5	6	5	5	15
Puerto Rico	81	19	0	0	0	0	0	0	0
Rhode Island	1	19	36	43	0	0	0	0	0
South Carolina	16	34	9	7	5	6	11	10	2
South Dakota	42	55	2	0	0	0	0	0	0
Tennessee	20	34	10	6	6	8	7	5	4
Texas	13	24	4	4	3	3	4	5	40
Utah	32	33	4	5	8	9	9	0	0
Vermont	67	33	0	0	0	0	0	0	0
Virginia	27	40	6	5	3	4	8	4	2
Washington	30	25	6	6	5	6	4	5	12
West Virginia	68	32	0	0	0	0	0	0	0
Wisconsin	30	39	4	9	8	5	5	0	0
Wyoming	41	59	0	0	0	0	0	0	0
Nationwide	25 %	35 %	5 %	5 %	5 %	4 %	4 %	3 %	14 %

# Reporting CLECs by ZIP Code (As of December 31, 2003)



Number of Reporting CLECs\*

- 7 or more
- 4 to 6
- 1 to 3

\* CLEC has at least one customer in ZIP Code